The Office of the National Coordinator for Health Information Technology

Plenary Session:
The National eHealth Agenda

2013 Kentucky eHealth Summit
September 17, 2013

Judy Murphy, RN, FACMI, FHIMSS, FAAN
Deputy National Coordinator for Programs & Policy
Office of the National Coordinator for Health IT
Department of Health & Human Services
Washington DC

KHIE KENTUCKY HEALTH INFORMATION EXCHANGE

Putting the I in HealthIT
www.HealthIT.gov

A look at . . .

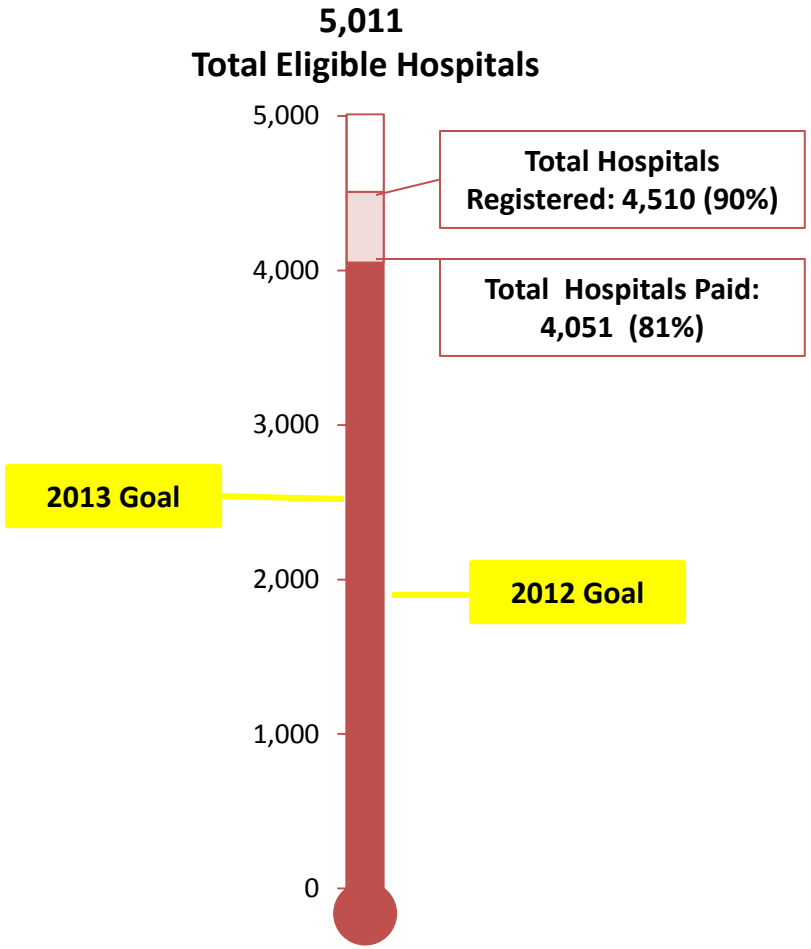
- Yesterday - what we've gotten done
  - The status of the EHR Incentive Program
  - How is Kentucky is doing
- Today - what are our key priorities
  - Health information exchange
  - Patient engagement
- Tomorrow – what are the biggest challenges in our future
  - Meaningful use of meaningful use
  - Health reform

YESTERDAY -
A Remarkable Journey …

Number of Eligible Providers Registered and Paid as of July 2013

Source: CMS EHR Incentive Program Data as of 7/31/2013

Number of Eligible Hospitals Registered and Paid as of July 2013

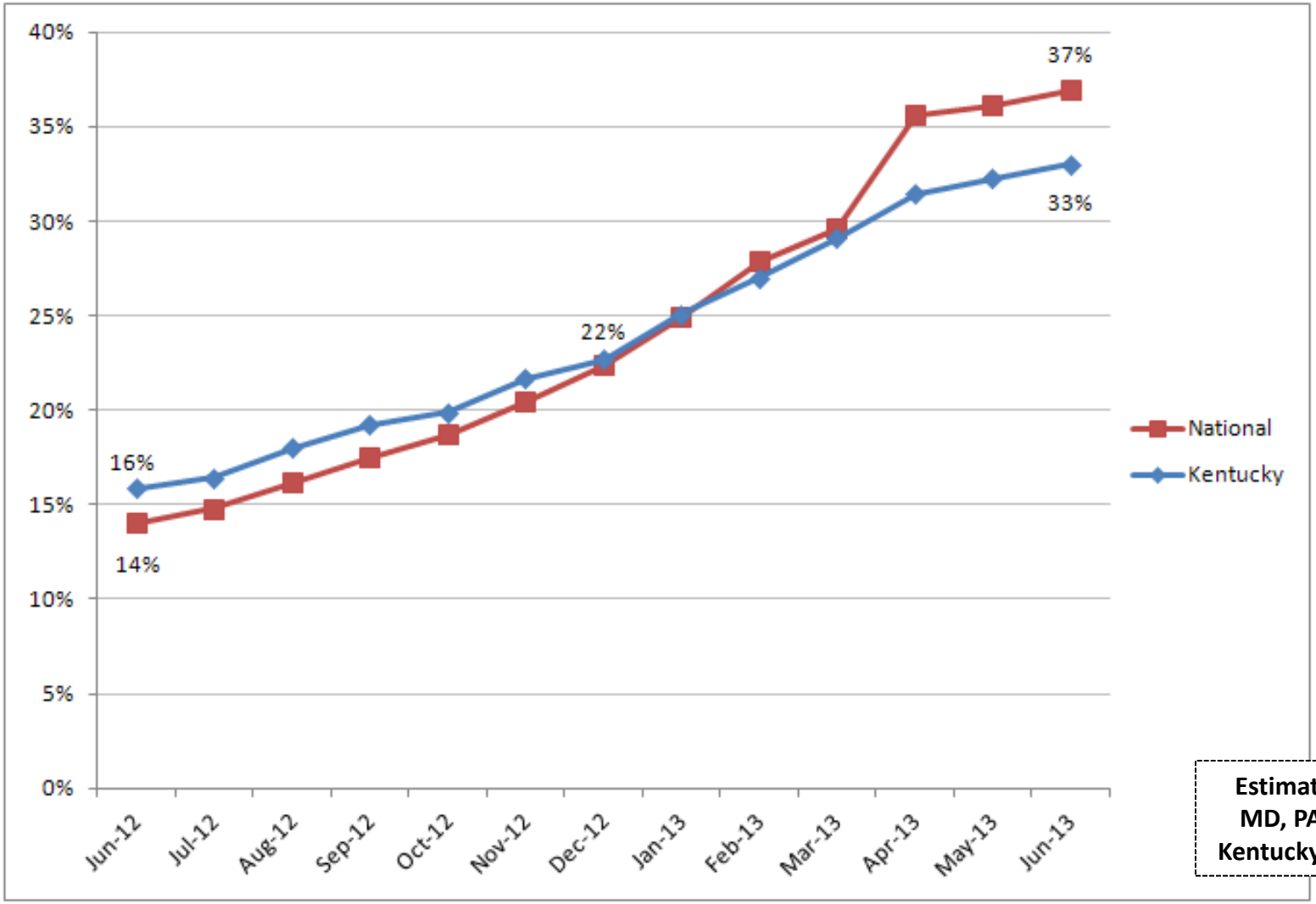


Source: CMS EHR Incentive Program Data as of 7/31/2013

HIMSS Analytics EMRAM

United States EMR Adoption Model SM			
Stage	Cumulative Capabilities	2013 Q1	2013 Q2
Stage 7	Complete EMR; CCD transactions to share data; Data warehousing; Data continuity with ED, ambulatory, OP	1.9%	2.1%
Stage 6	Physician documentation (structured templates), full CDSS (variance & compliance), full R-PACS	9.1%	10.0%
Stage 5	Closed loop medication administration	16.3%	18.7%
Stage 4	CPOE, Clinical Decision Support (clinical protocols)	14.4%	14.6%
Stage 3	Nursing/clinical documentation (flow sheets), CDSS (error checking), PACS available outside Radiology	36.3%	34.5%
Stage 2	CDR, Controlled Medical Vocabulary, CDS, may have Document Imaging; HIE capable	10.1%	9.0%
Stage 1	Ancillaries - Lab, Rad, Pharmacy - All Installed	4.2%	3.8%
Stage 0	All Three Ancillaries Not Installed	7.8%	7.2%
Data from HIMSS Analytics® Database ©2012		N = 5441	N = 5439

Share of Eligible Providers that Received CMS EHR Incentive Program Payment (as of June 2013)

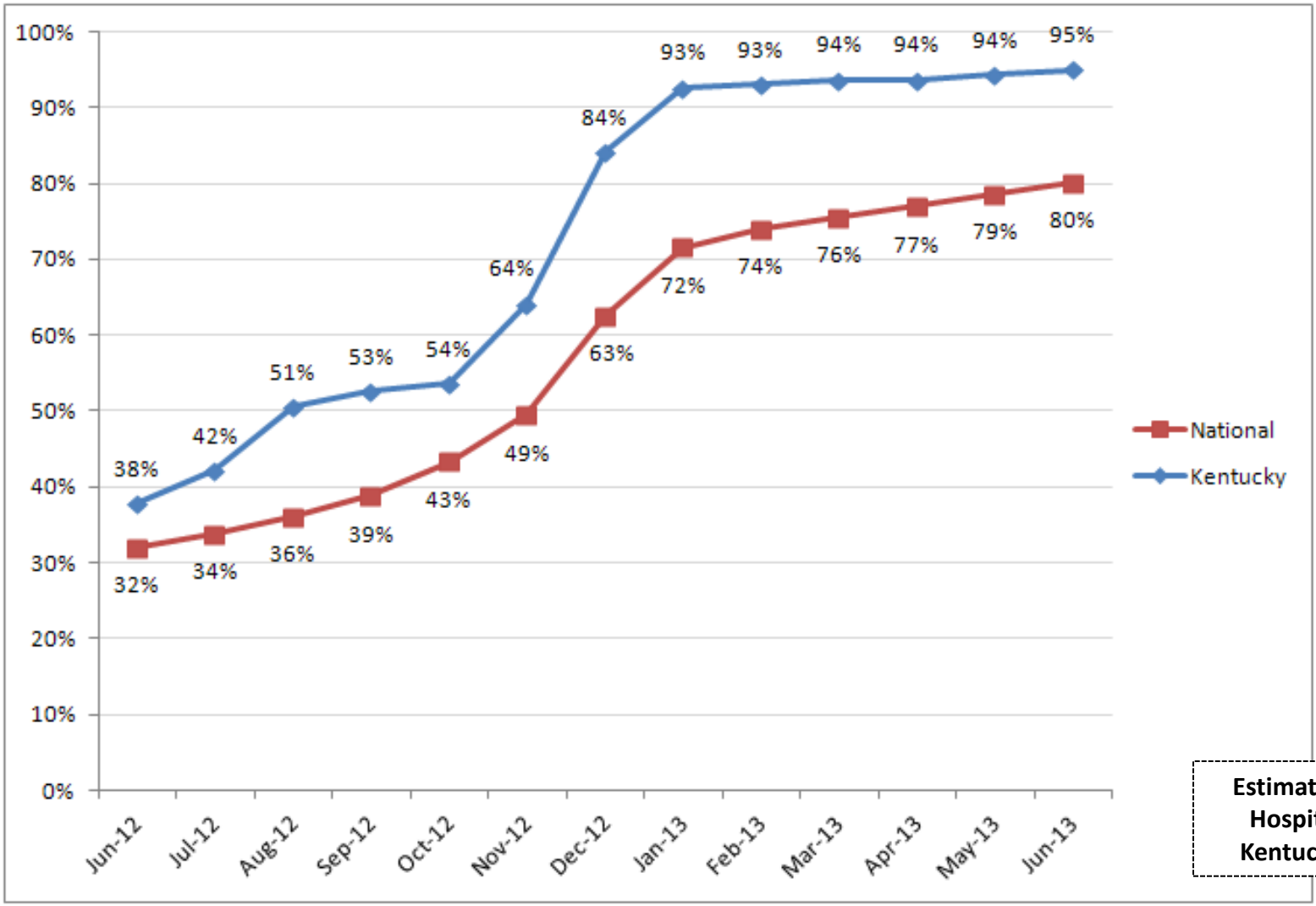


Estimated N of MD, PA, NP in Kentucky: 10,127

Source: Office of the National Coordinator for Health IT, Health IT Dashboard
Meaningful Use State Acceleration Challenge
http://dashboard.healthit.gov/data/

For more information contact:
ONCRequest@HHS.gov

Share of Eligible Hospitals that Received CMS EHR Incentive Program Payment (as of June 2013)



Estimated N of Hospitals in Kentucky: 95

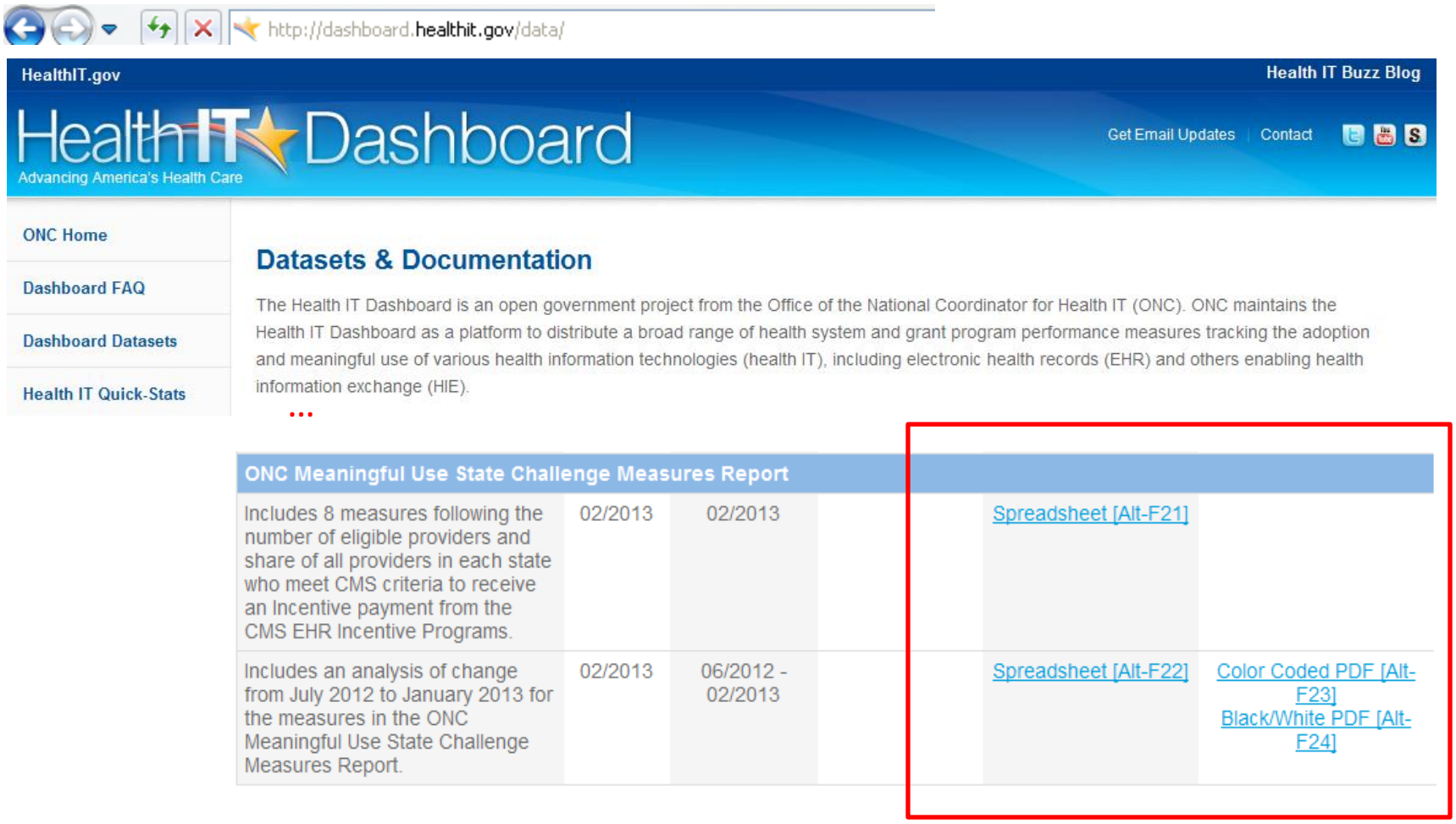
Source: Office of the National Coordinator for Health IT, Health IT Dashboard
Meaningful Use State Acceleration Challenge
http://dashboard.healthit.gov/data/

For more information contact:
ONCRequest@HHS.gov

Get more information from the Health IT Dashboard

ONC Meaningful Use State Challenge Measures Report

http://dashboard.healthit.gov/data



ONC Meaningful Use State Challenge Measures Report					
Includes 8 measures following the number of eligible providers and share of all providers in each state who meet CMS criteria to receive an Incentive payment from the CMS EHR Incentive Programs.	02/2013	02/2013		Spreadsheet [Alt-F21]	
Includes an analysis of change from July 2012 to January 2013 for the measures in the ONC Meaningful Use State Challenge Measures Report.	02/2013	06/2012 - 02/2013		Spreadsheet [Alt-F22]	Color Coded PDF [Alt-F23] Black/White PDF [Alt-F24]

Source: Office of the National Coordinator for Health IT, Health IT Dashboard Meaningful Use State Acceleration Challenge
http://dashboard.healthit.gov/data/

For more information contact:
ONCRequest@HHS.gov

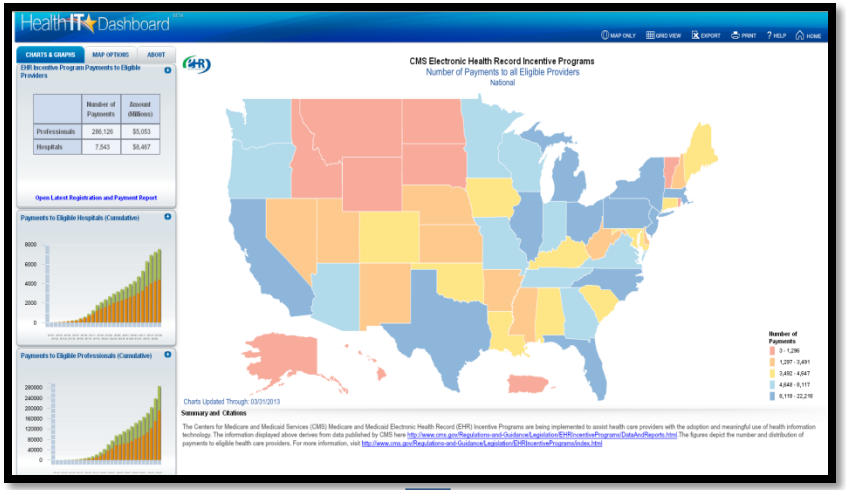
Meaningful Use Acceleration Reports on HealthIT.gov

- **Get more facts from http://healthit.gov**
- **Health IT Dashboard for Meaningful Use:**
- **Scorecard to Report Meaningful Use Acceleration State Challenge Results**

Share of Hospitals that Received CMS EHR Incentive Program payment

	Actual values computed retrospectively using the Jan-13 CMS datafile									
	Est. Num of Hospitals [1]	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13
National	4,836	32%	34%	36%	39%	43%	49%	63%	72%	74%
Per Month # Gain			85	118	126	219	296	636	433	121
Month/Month % Change				140%	107%	174%	135%	215%	68%	28%
Alabama	100	37%	38%	43%	46%	54%	67%	82%	87%	89%
Alaska	22	55%	55%	55%	55%	55%	59%	73%	77%	82%
Arizona	78	37%	37%	38%	40%	42%	53%	59%	76%	78%
Arkansas	75	41%	43%	44%	45%	48%	57%	71%	83%	84%
California	348	35%	36%	37%	38%	42%	47%	56%	75%	77%
Colorado	76	28%	29%	32%	33%	37%	37%	57%	68%	70%
Connecticut	32	22%	25%	25%	38%	59%	66%	78%	84%	84%
Delaware	7	71%	71%	71%	71%	71%	71%	86%	100%	100%
District Of Columbia	7	0%	0%	0%	0%	0%	0%	0%	14%	14%
Florida	182	23%	23%	25%	31%	41%	54%	85%	91%	91%
Georgia	142	32%	33%	35%	37%	45%	49%	73%	84%	85%
Hawaii	23	22%	22%	22%	30%	30%	35%	48%	52%	57%
Idaho	42	12%	12%	12%	14%	21%	21%	36%	36%	36%
Illinois	180	41%	41%	41%	43%	47%	52%	68%	79%	81%
Indiana	124	30%	32%	40%	41%	44%	49%	70%	82%	85%
Iowa	116	46%	47%	51%	56%	57%	61%	78%	84%	88%
Kansas	139	17%	17%	18%	19%	25%	33%	42%	47%	50%
Kentucky	95	38%	42%	51%	53%	54%	64%	84%	93%	93%
Louisiana	126	42%	44%	47%	48%	48%	64%	78%	83%	83%
Maine	36	58%	64%	69%	72%	75%	83%	94%	100%	100%
Maryland	46	26%	28%	30%	30%	39%	46%	61%	63%	89%
Massachusetts	67	27%	42%	42%	45%	48%	61%	70%	87%	87%
Michigan	136	29%	29%	34%	35%	38%	41%	50%	72%	74%
Minnesota	131	18%	19%	24%	24%	27%	37%	47%	56%	57%
Mississippi	96	25%	25%	27%	27%	43%	54%	67%	76%	77%
Missouri	116	41%	41%	42%	46%	53%	62%	68%	82%	83%
Montana	61	28%	28%	28%	33%	36%	38%	48%	52%	57%
Nebraska	88	41%	43%	43%	44%	49%	57%	60%	75%	78%
Nevada	35	17%	17%	23%	23%	23%	29%	49%	51%	54%
New Hampshire	26	8%	8%	12%	12%	23%	31%	46%	58%	62%
New Jersey	66	38%	44%	48%	50%	62%	67%	79%	86%	86%

Page 1

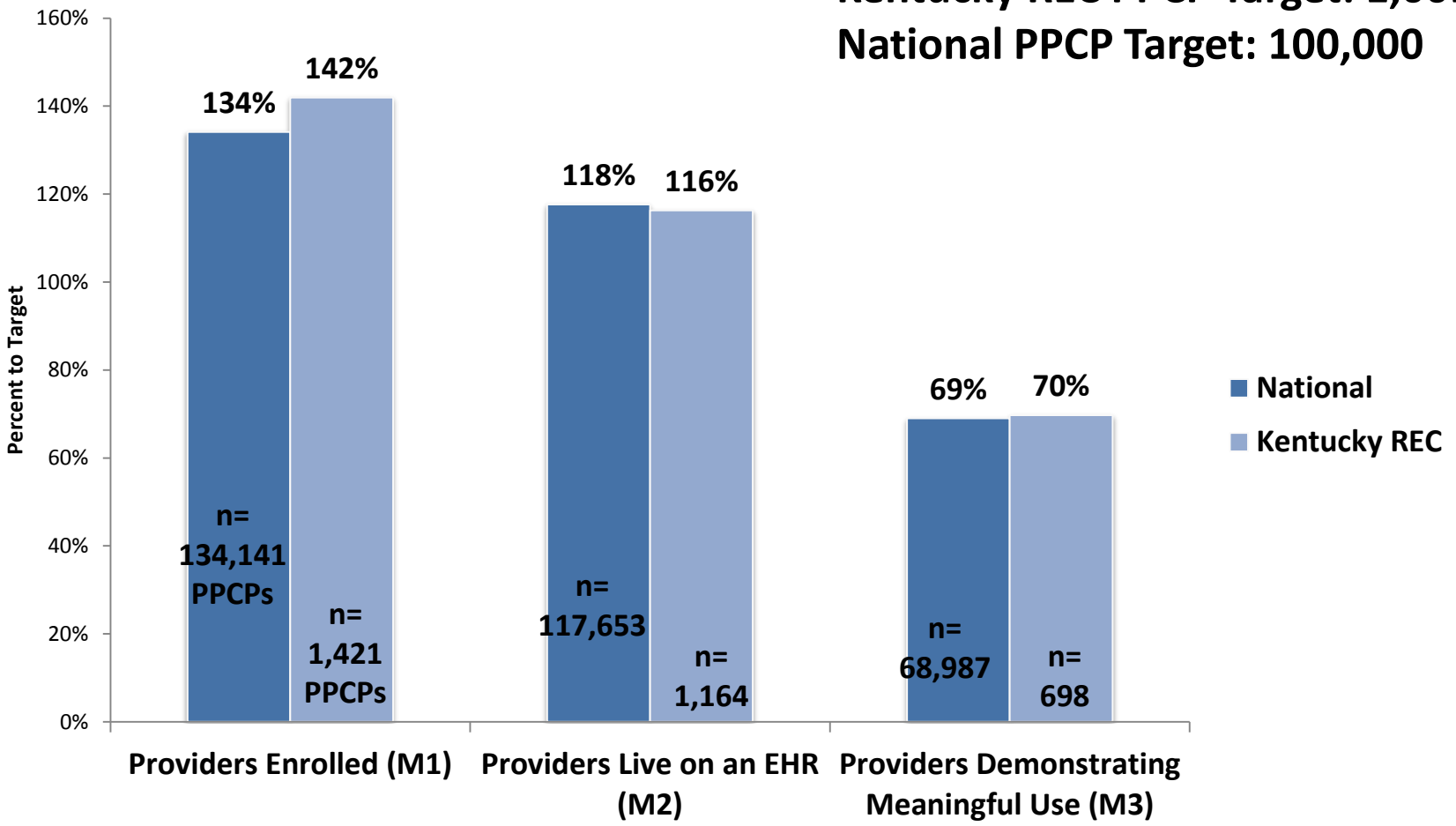


http://dashboard.healthIT.gov/meaningfuluse

http://dashboard.healthit.gov/data/data/ONC-Meaningful-Use-Acceleration-Scorecard-2013-06.xlsx

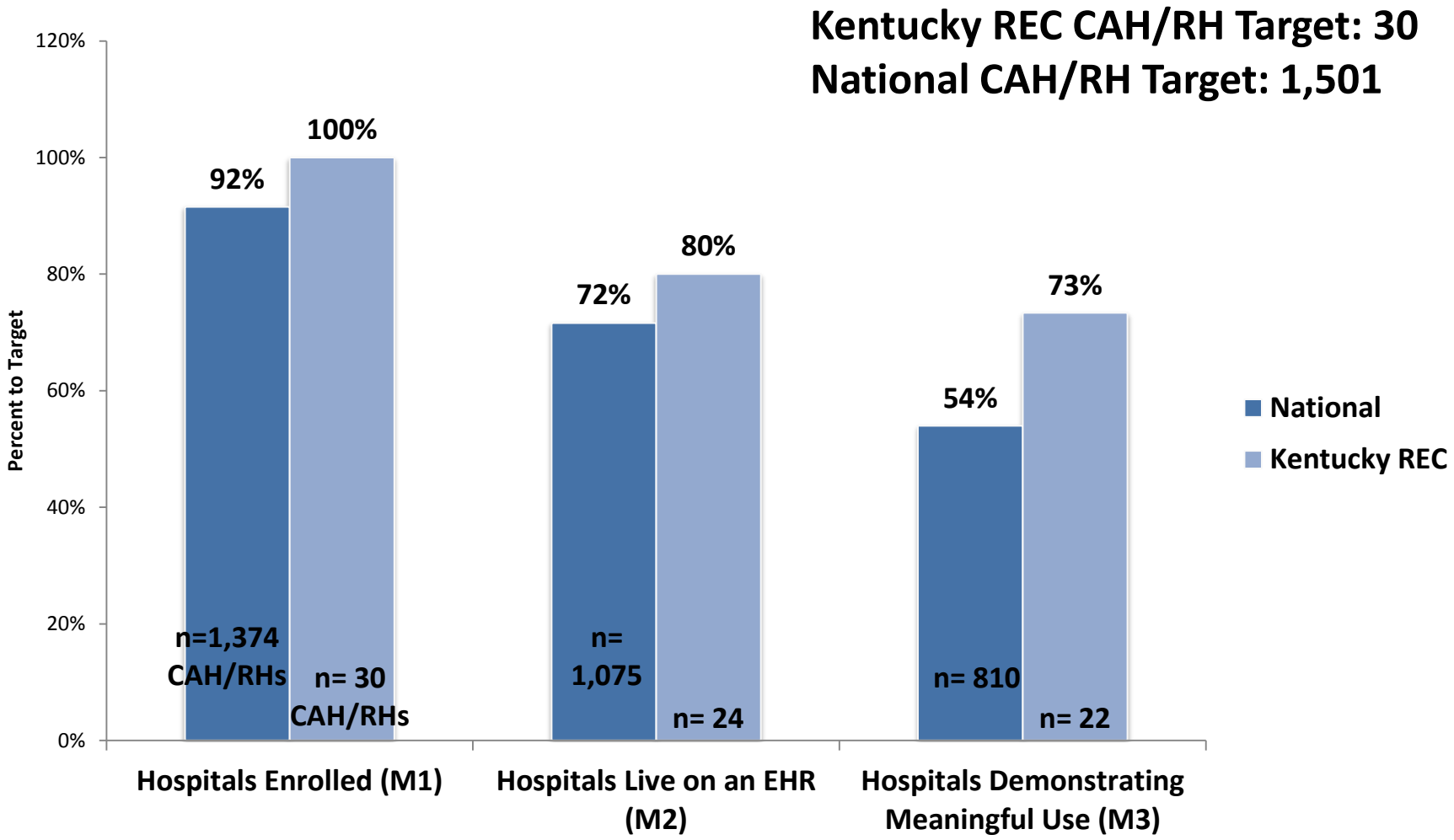
Priority Primary Care Providers (PPCPs) at REC Milestones, % to Target

Kentucky REC PPCP Target: 1,001
National PPCP Target: 100,000



Data Source: ONC CRM, August 27, 2013

Critical Access and Rural Hospitals at REC Milestones, % to Target



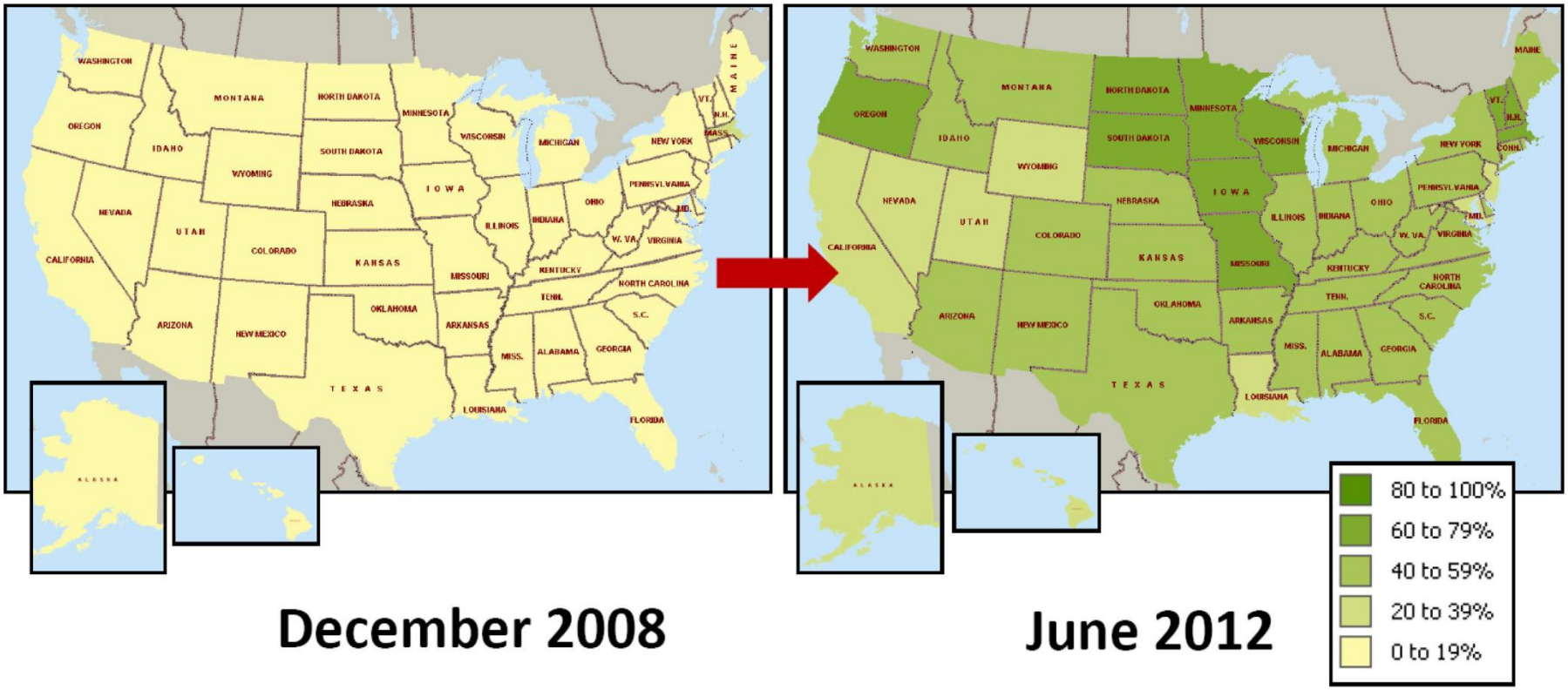
Data Source: ONC CRM, August 27, 2013

TODAY - Key Priorities:
Keeping the Patient at the center of all we do

- Patient-Centric health care and health record by
  - Laying the groundwork for interoperability with standards, testing & certification
  - Facilitating broad implementation of health information exchange
- Patient Engagement by enabling patient
  - Access
  - Action
  - Attitude

E-prescribing has seen a hockey stick growth

Percent of physicians e-prescribing using an EHR in December 2008 and June 2012

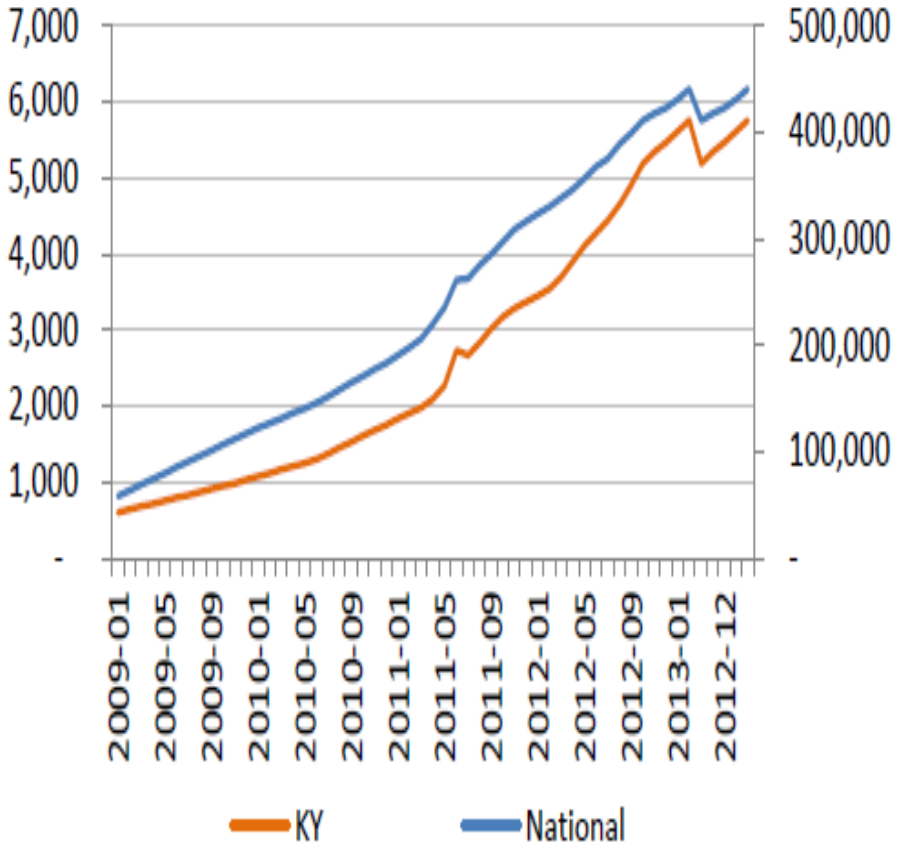


Source: Hufstader M, Swain M, Furukawa MF. State Variation in E-Prescribing Trends in the United States. *ONC Data Brief, no. 4.* Washington, DC: Office of the National Coordinator for Health Information Technology, November 2012.

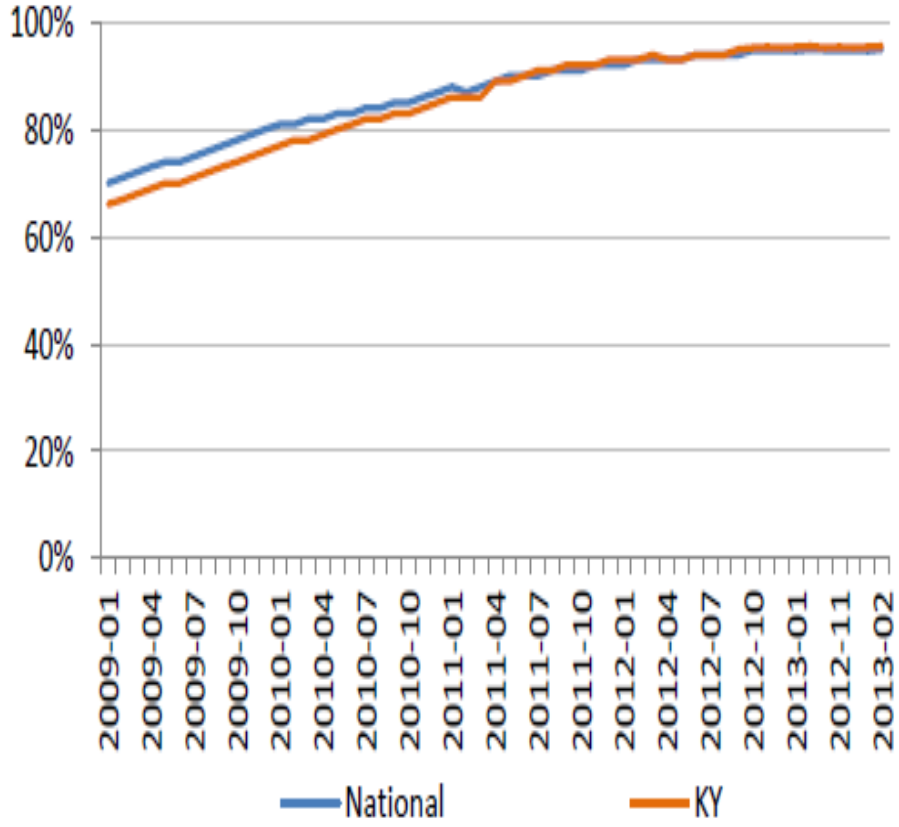
E-prescribing in Kentucky

Health Information Exchange - Community Pharmacies & Provider e-Prescribing on the Surescripts Network

Provider's e-Prescribing via an EHR on the Surescripts Network



Pharmacies Actively e-Prescribing on the Surescripts Network



Exchange in Kentucky

Measure	Q2 2012	Q3 2012	Q4 2012	Q1 2013	Q2 2013
Organizations Enabled for Query-Based Exchange	18	42	141	236	279
Ambulatory Entities Actively Participating in Query-Based Exchange	2	6	84	178	220
% Acute Care Hospitals Actively Participating in Query-Based Exchange (n=94)	16%	37%	42%	59%	60%
Patient Record Queries	0	277,162	270,369	314,178	594,871
% Queries from Acute Care Hospitals	0	99%	99%	99%	99%

Focus on INTEROPERABILITY in the Stage 2 Meaningful Use Criteria

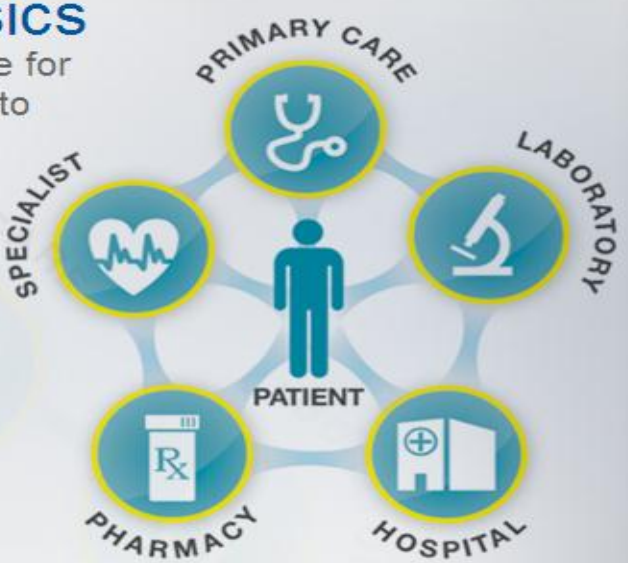
- E-prescribing (ambulatory and inpatient discharge)
- Transition of Care summary exchange:
  - Create & transmit from EHR
  - Receive & incorporate into EHR
- Lab tests & results from inpatient to ambulatory
- Public health reporting – transmission to:
  - Immunization Registries
  - Public Health Agencies for syndromic surveillance
  - Public health Agencies for reportable lab results
  - Cancer Registries
- Patient ability to View, Download and Transmit their health data to a 3rd Party
- Create an export summary of patient data, in order to enable data portability

HealthIT.gov

Interoperability Basics

Take the interactive training course for healthcare providers to learn how to meet the Stage 2 Meaningful Use data exchange requirements.

Take the course ›



1 2 3 4 ▶

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- For Providers & Professionals ›
- For Patients & Families ›
- For Policy Researchers & Implementers ›

ABOUT HealthIT.gov

Health information technology (health IT) makes it possible for health care providers to better manage patient care through secure use and sharing of health information. Health IT includes the use of electronic health records (EHRs) instead of paper medical records to maintain people's health information.

Learn more about The Office of the National Coordinator for Health Information Technology (ONC)

Learn more about the National Learning Consortium

UPDATES from HealthIT.gov

View additional updates

FACA Workgroup Membership
ONC is now accepting applications for potential membership for the new HITPC Food and Drug Administration Safety Innovation Act (FDASIA) Workgroup until March 8, 2013.

Interoperability Basics
This online training helps explain the process of meeting the Stage 2 Meaningful Use data exchange requirements.

FQHC REC Data Brief
Read the data brief about health IT adoption in federally qualified health centers.

Meaningful Use Education Module
Watch a brand new self-paced education module on the "transitions of care" interoperability criteria.

From HealthIT's Social Channels

ONC
ONC_HealthIT
twitter

As we head into #HIMSS13, take a sec to read about what we at #ONC think are important accomplishments for 2012: http://t.co/IdkpJDGMFO
yesterday · reply · retweet · favorite

Decisions, decisions. ONC authors publish blog posts on #HIE "sustainability" and "governance." Read the Buzz-Blog: http://t.co/Cf8if2wCLH
yesterday · reply · retweet · favorite

HealthITBuzz
National Health Information Exchange Governance Forum Announced
Last year, ONC issued a Request for Information looking for comments about a pot
Friday, March 01, 2013

Standards & Interoperability

What is HIE?

HIE Benefits

Health Information Exchange Governance

Nationwide HIE Strategy

Standards & Interoperability

Interoperability Basics Training Course

Interoperability Basics Training Course

Interactive course using stories, analogies, and practical examples to highlight new vocabulary, content, transport, and services standards introduced in the Meaningful Use Stage 2. This course also introduces the concept of interoperability building blocks and utilizes stories to show concepts in practice.

The course is approximately 75 minutes in length; however, since the course is designed to consist of several short lessons/topics, the learner has the flexibility to take the entire course all at once or over a period of time.

The four topics within this course are:

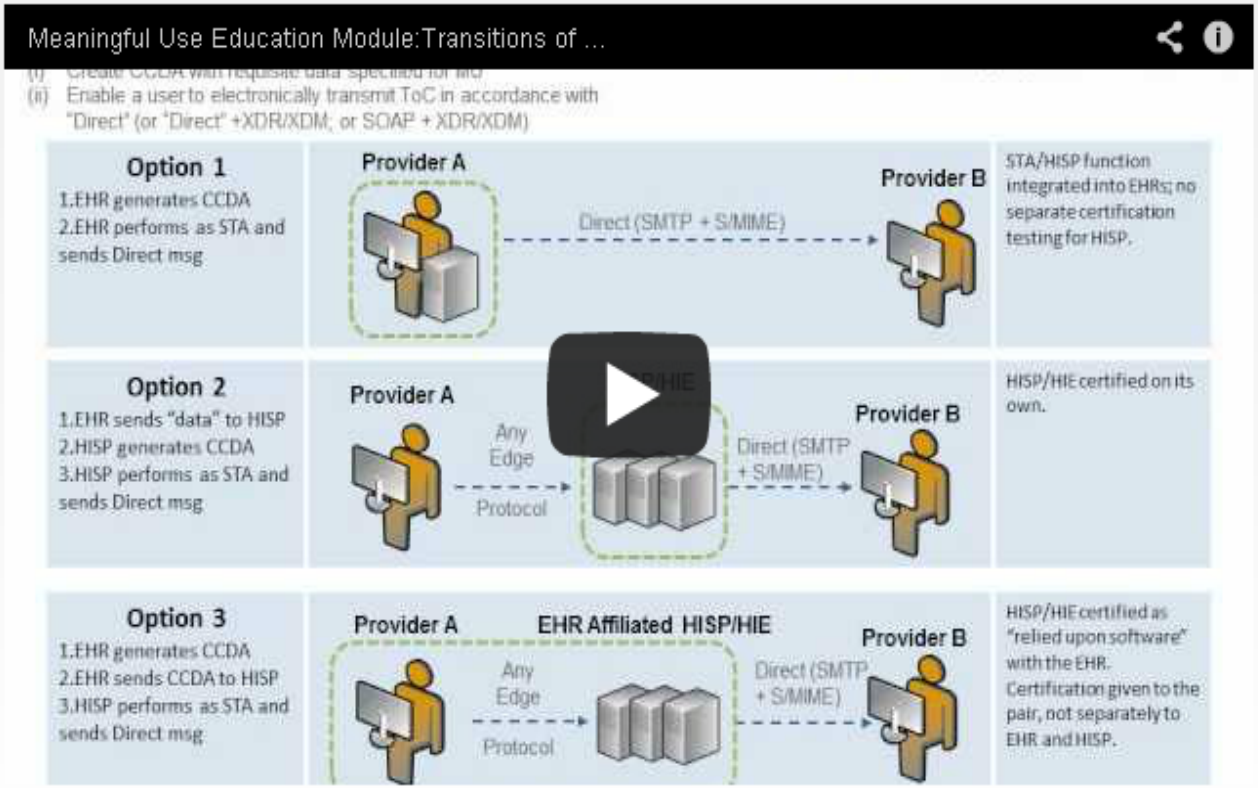
- Defining Interoperability
- Interoperability Path to Meaningful Use Stage 2
- Building Blocks of Interoperability
- The Effect of Interoperability on Categories of Care

Four other Interoperability Modules

Four additional modules that cover the Meaningful Use Stage 2 interoperability data exchange criteria have been released:

1. Transitions of care between care providers and care venues
2. Lab interoperability between hospitals and ambulatory providers
3. View, download, and transmit of information between patients and providers
4. Transmission of information to public health agencies

Health IT Videos



Meaningful Use Education Module: Transitions of Care

Feb 19, 2013 | 16:03

This meaningful use education module covers "transitions of care" from both a meaningful use and EHR technology certification perspective. It walks you through the requirements for the meaningful use "transitions of care" objective and measures as well as their relationship to EHR technology certification.

Patient Engagement
Back in the Day…

"The obedience of a patient to the prescriptions of his physician should be prompt and implicit. [The patient] should never permit his own crude opinions as to their fitness to influence his attention to them."

- AMA's Code of Medical Ethics (1847)

And Now…

"Patients share the responsibility for their own health care…."

- AMA's Code of Medical Ethics (current)

"Patients can help. We can be a second set of eyes on our medical records. I corrected the mistakes in my health record, but many patients don't understand how important it will be to have correct medical information, until the crisis hits. Better to clean it up now, not when there's time pressure."

– Dave deBronkart (ePatient Dave)

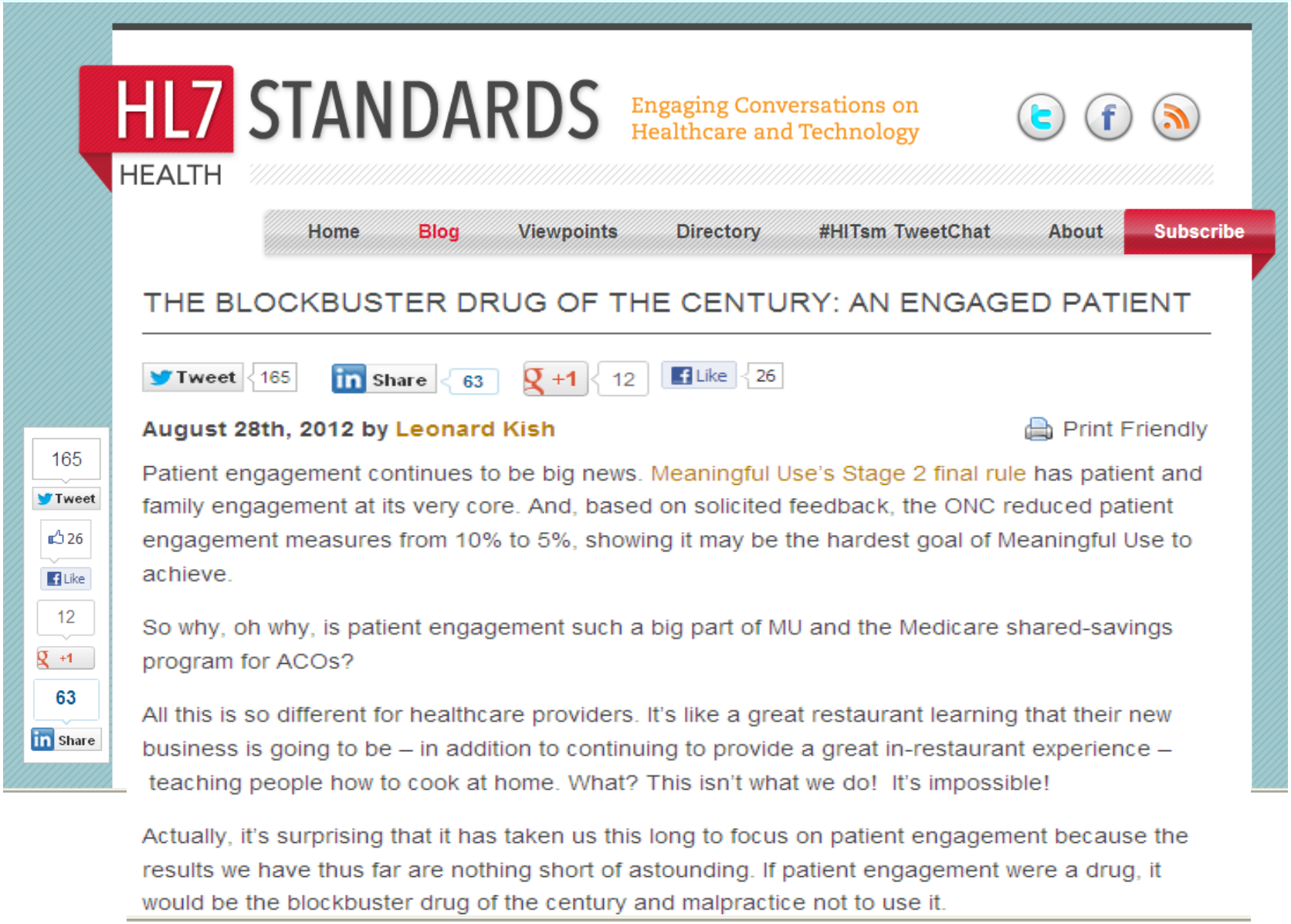
Why Should You Use Health IT to Engage Your Patients?

- Patient as Partner
- Engaged patients demonstrate better health outcomes
- Patients increasingly expect engagement via IT, as in many other aspects of their lives
- Meaningful Use criteria

66% of Americans say they would consider switching to a physician who offers access to medical records through a secure Internet connection

– according to a 2011 Deloitte Survey

The Blockbuster Drug of the Century (Aug 28, 2012)



HL7 STANDARDS HEALTH

Engaging Conversations on Healthcare and Technology

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THE BLOCKBUSTER DRUG OF THE CENTURY: AN ENGAGED PATIENT

Tweet 165 | Share 63 | +1 12 | Like 26

August 28th, 2012 by Leonard Kish

Print Friendly

165 Tweet 26 Like 12 +1 63 Share

Patient engagement continues to be big news. Meaningful Use's Stage 2 final rule has patient and family engagement at its very core. And, based on solicited feedback, the ONC reduced patient engagement measures from 10% to 5%, showing it may be the hardest goal of Meaningful Use to achieve.

So why, oh why, is patient engagement such a big part of MU and the Medicare shared-savings program for ACOs?

All this is so different for healthcare providers. It's like a great restaurant learning that their new business is going to be – in addition to continuing to provide a great in-restaurant experience – teaching people how to cook at home. What? This isn't what we do! It's impossible!

Actually, it's surprising that it has taken us this long to focus on patient engagement because the results we have thus far are nothing short of astounding. If patient engagement were a drug, it would be the blockbuster drug of the century and malpractice not to use it.

Top Trend (Feb 22, 2013)

Healthcare Informatics
Healthcare IT Leadership, Vision & Strategy

Webinars

Policy | Clinical | Technology | Business | Meaningful Use | HIE | Blogs | HCI 100

Top 10 Tech Trends: Pushing the Patient into the Picture

February 22, 2013 by Gabriel Perna

SHARE | PRINT

In 2012, Leonard Kish, a health IT strategist, made a bold proclamation about a new "blockbuster drug of the century." The drug Kish was referring to can't be found in stores or in a scientific laboratory. Instead, he said, it was something conceptual, adding that if healthcare organizations of all kinds made use of that "drug," the results would be astounding.

Kish was talking about patient engagement; and his thoughts echo a rising sentiment among healthcare organizations as well as the federal government. While patient engagement is certainly not a novel idea, thanks to the Office of the National Coordinator for Health IT's (ONC) Blue Button initiative, it's been recently thrust into the limelight.

ONC, other government agencies, and other healthcare stakeholders have used the Blue Button capability to promote the idea of giving patients easy access to their health information. They're coupling this push with various data liberation initiatives, which would allow for patient data to be used by developers to create

Focus on Consumer ACCESS in the Stage 2 Meaningful Use Criteria

- Reminders for preventive/follow-up care provided
- Educational resources identified and provided
- Online access to personal health information (portal, PHR)
- Visit Summaries provided
- Patients can send secure messages to their provider
- Patients can View, Download and Transmit to 3rd Party

ACCESS: Consumer Blue Button Pledge Program *(www.healthit.gov/pledge)*

Over 450 organizations have Pledged to provide access to personal health information for 1/3 of Americans…

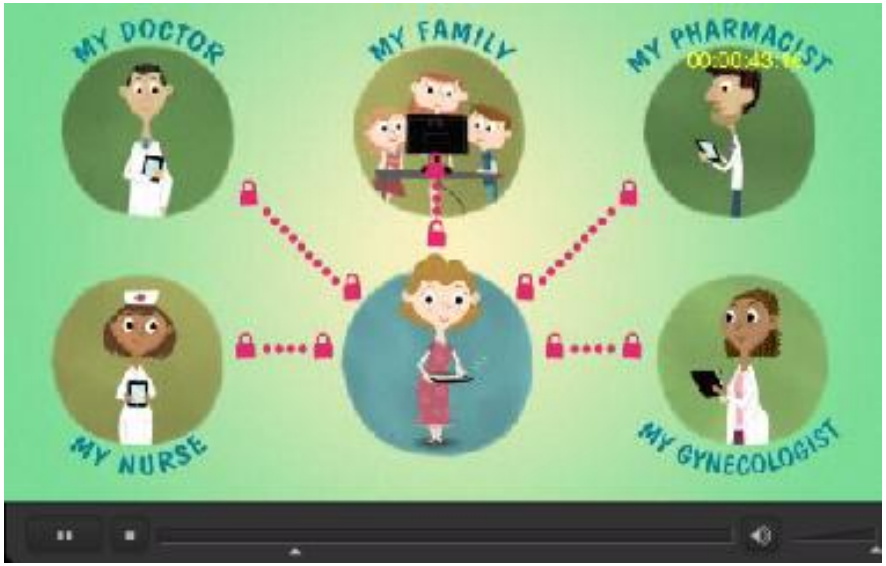
- American Nurses Association
- Alliance for Nursing Informatics
- Beth Israel Deaconess Medical Center
- Children's Hospital Boston
- The College of Healthcare Information Management Executives (CHIME)
- Cleveland Clinic
- Consumers Union
- Continua Health Alliance
- Dossia
- EHRA: HIMSS Electronic Health Record Association
- Floyd Medical Center
- GE Healthcare
- Harbin Clinic
- Cincinnati Beacon Text4Health Program in partnership with HealthBridge
- Health Record Banking Alliance
- Healthrageous
- Microsoft HealthVault
- Healthcare Information Management Systems Society
- IATRIC Systems
- IHIT Indiana Health Information Technology, Inc.
- Intel
- Kaiser Permanente
- National eHealth Collaborative
- National Health Council

ACTION: Making it easier for Patients to use Health IT

Leon Rodriguez, Director-Office of Civil Rights: clarification of the patient's right to access their own health information under HIPAA (videos, pamphlets, answers to questions, and other guidance)

See:
http://www.hhs.gov/ocr/privacy/hipaa/understanding/consumers/righttoaccessmemo.pdf

ATTITUDE: Health IT Animation



http://www.healthit.gov/patients-families/video/preview-health-it-you-giving-you-access-your-medical-records

- 1 and 3 minute versions of the animation are available to use for patient teaching

http://challenge.gov

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e.g.: "Apps" or "Health" SEARCH

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Featured Challenges

1 2 3 4

Corporation for National and Community Service

by Corporation for National and Community Service

The Corporate Mentoring Challenge: Strengthen Tomorrow's Workforce Today

About 4 months to submit | 21 followers | LEARN MORE

Browse Challenges

CATEGORIES

- Defense (25)
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- Energy & Environment (49)
- Health (88)
- International Affairs (8)

http://challenge.gov/ONC

- Mobile Apps
- Designs
- Videos

Office of the National Coordinator for Health Informat...

Office of the National Coordinator for Health Information Technology

(ONC)

Recent Challenges

Mobilizing Data for Pressure Ulcer Prevention Challenge

by Office of the National Coordinator for Health Information Technology

A multidisciplinary call to develop a mobile health app to facilitate prevention, early detection and appropriate management of pressure ulcers in clinical settings

About 3 months to submit

$80,000 in prizes

LEARN MORE

Health Design Challenge

by Office of the National Coordinator for Health Information Technology

We invite designers and developers to redesign the patient health record.

Winners announced

$50,000 in prizes

1,287 followers

LEARN MORE

Family Caregivers Video Challenge

by Office of the National Coordinator for Health Information Technology

Create a video that shares how you use information technology to help manage healthcare for a loved one.

Winners announced

$8,350 in prizes

275 followers

LEARN MORE

Browse Challenges

CATEGORIES

Health (25)

Science & Technology (19)

Software (7)

Technology (4)

About

ONC is the principal Federal entity charged with coordination of nationwide efforts to implement and use the most advanced health information technology and the electronic exchange of health information. The position of National Coordinator was created in 2004, through an Executive Order, and legislatively mandated in the Health Information Technology for

Million Hearts – Provider Goals

As a Health Care Provider

- **TREAT** high blood pressure and cholesterol in your patients.
- **TREAT** appropriate patients with Aspirin.
- **ESTABALISH** and **DISCUSS** with patients their specific goals for treatment and the most effective ways that they can help control their risk factors for heart disease and stroke.
- **COACH** your patients to develop heart-healthy habits, such as regular exercise and a diet rich in fresh fruits and vegetables, and stress reduction techniques. Provide tools to show their progress and access to team members to help them succeed.
- **ASK** your patients about their smoking status and provide cessation support and medication when appropriate.
- **ASK** about barriers to medication adherence and help find solutions.
- **USE** health information technology, such as electronic health records and decision support tools, to improve the delivery of care and control of the **ABCS.**

Million Hearts™

Be One in a Million Hearts™

ONC/Million Hearts/American Heart Association Beat Down Blood Pressure Video Challenge

April 6, 2012, 11:36 am
Erin Poetter

Share |

Share Your Story and Enter to Win by May 2, 2012! Also Follow Our Twitter Handle (#HealthIT4UBP)

One in three adults in the United States has high blood pressure (a.k.a., "hypertension") – Do You? Many people who have high blood pressure don't know it, which is why it's often referred to as the "silent killer." High blood pressure damages the brain, heart, eyes, and kidneys while causing no symptoms. Fortunately, there are steps that each of us can take to prevent or manage high blood pressure, and technology can help!

Beat Down Blood Pressure Video Contest

To raise awareness about this silent killer and crowd source inspirational stories about how people are using consumer e-health tools and other health IT to partner with their physician to manage this disease, the Office of the National Coordinator for Health Information Technology (ONC) in partnership with Million Hearts, an HHS initiative to prevent a million heart attacks and strokes in five years, and the American Heart Association announce announce the ***Beat Down Blood Pressure Video Challenge*** (#HealthIT4UBP).

This is the second in a series of 2012 health IT video contests through which members of the public are incentivized to create a short, but impactful video sharing how they use health IT or consumer e-health tools to manage high blood pressure. This contest features cash prizes for the best patient/consumer stories that demonstrate use of consumer e-health tools to:

- Routinely monitor blood pressure,
- Take medication as prescribed, and/or
- Make lifestyle changes that reduce risks and enhance heart health.

Beat Down Blood Pressure Consumer Video Challenge

Challenge.gov powered by ChallengePost

LOG IN SIGN UP

Beat Down Blood Pressure

VIDEO CHALLENGE

FOLLOW | 49 followers | 19 days left to submit | $5,500 in prizes

Rules | Enter a Video | Discussions | Resources | FAQ

Share how you use technology to help "know your numbers" and achieve blood pressure control.

ACCEPT THIS CHALLENGE

Get notified of important changes and opportunities for participants.

Get started: explore resources from ONC, Million Hearts, and the American Heart Association!

Beat Down Blood Pressure Winner

Dr Funky's Blood Pressure Management Rx
http://bloodpressure.challenge.gov/submissions/7498-dr-funky-s-blood-pressure-management-rx

What's in Your Health Record Consumer Video Challenge

Challenge.gov powered by ChallengePost LOG IN SIGN UP

WHAT'S IN YOUR
Health Record
VIDEO CHALLENGE

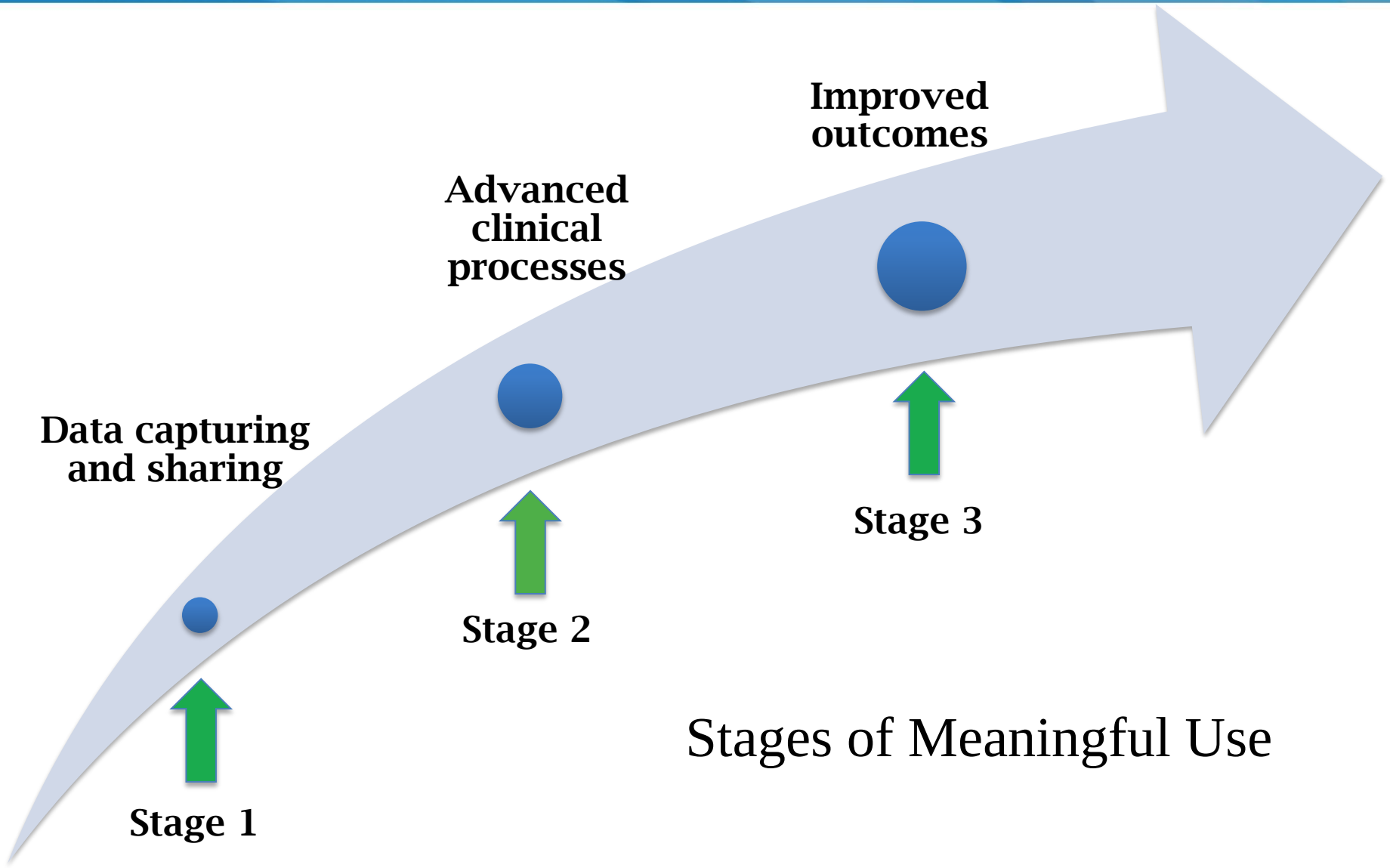
FOLLOW 949 followers 6 winners announced (view all dates) $7,700 in prizes

Rules | Video Gallery | Updates | Discussions | Resources | FAQ

Do you know what's in your health record? Share your story of why having access to review what's in your health record can improve your quality of care, or the care of a loved one.

VIEW THE WINNERS

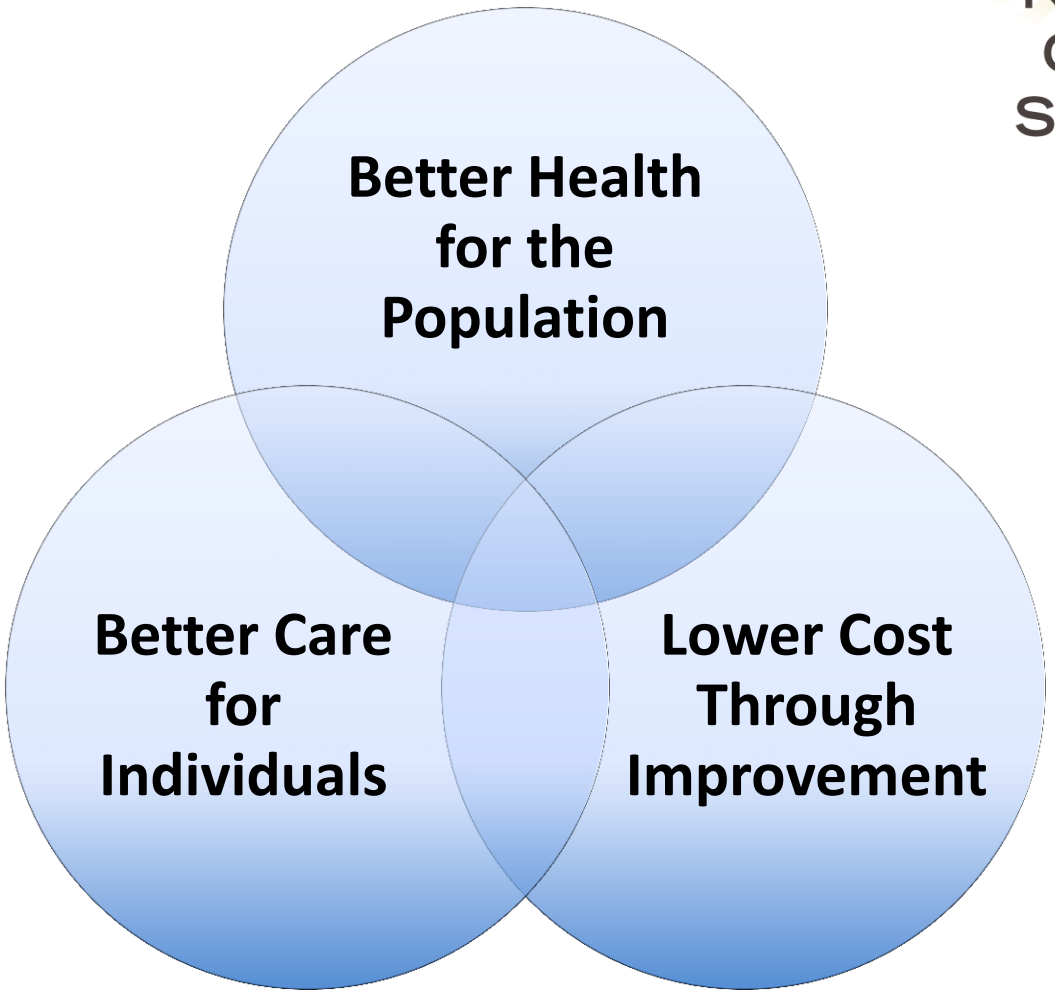
TOMORROW –
The biggest challenges in our future



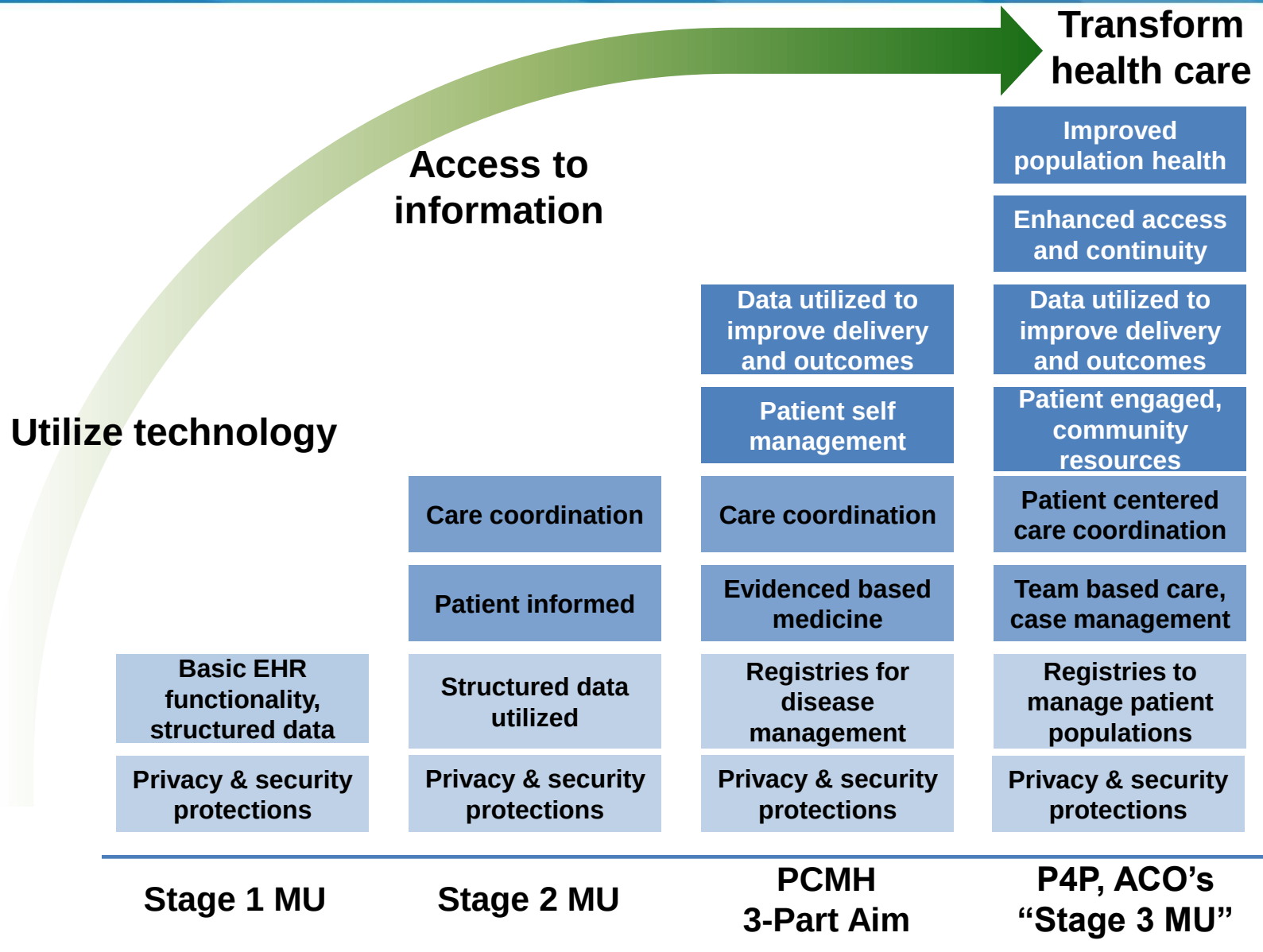
Stages of Meaningful Use

Our National Quality Strategy

NATIONAL QUALITY STRATEGY



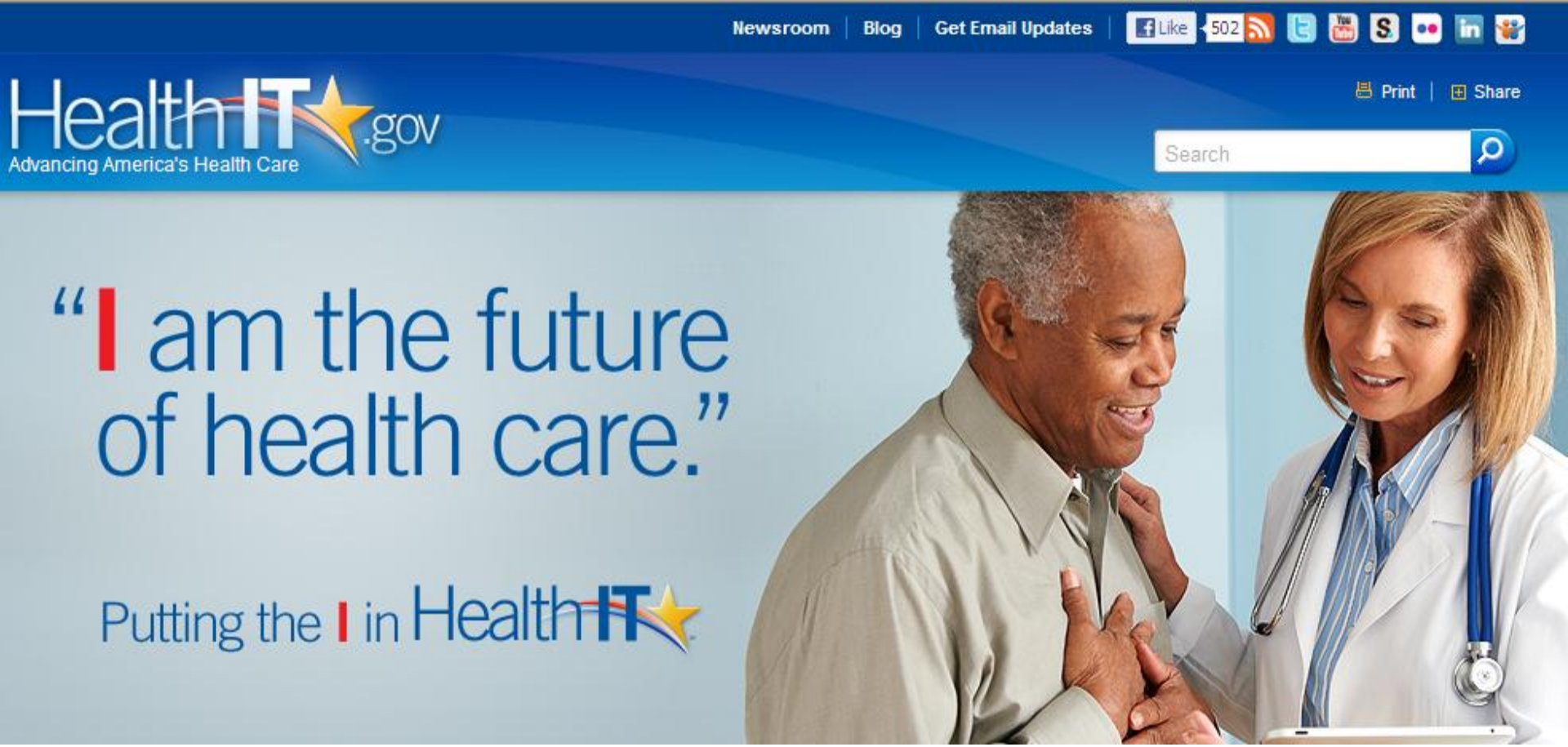
MU as a Building Block →
"Meaningful Use of Meaningful Use"



Care and Payment Reform Activities

- Inter-professional Education & Inter-collaboratory Practice Models
- Patient Centered Medical Home (PCMH)
- Pay for Performance (P4P)
  - Programs to pay for value; not for volume (outcome; not services)
- Accountable Care Organizations (ACO)
  - Shared Savings Program (SSP)
  - Advanced Payment ACO Model
  - Pioneer ACO Model
- Center for Medicare & Medicaid Innovation Programs (CMMI)
  - State Innovation Models Initiative (SIM)
  - Comprehensive Primary Care Initiative (CPC)
  - Bundled Payments for Care Improvement Program (BPCI)
  - Community-based Care Transitions Program (CCTP)

HealthCare.gov
Learn
Get Insurance
Español
Individuals & Families
Small Business Owners
Welcome to the Marketplace
The Health Insurance Marketplace is a new way to get coverage that meets your needs.
Starting October 1, 2013, you can come here to fill out an application and see your plan choices. In the meantime, we can help you get ready.
CHOOSE YOUR STATE AND WE'LL TELL YOU YOUR NEXT STEPS
Select Your State
Live Chat



Thank you!

For more information, contact:
judy.murphy@hhs.gov

@JudyMurphyONC